ELSEVIER

Toxicology 196 (2004) 265–266

TOXICOLOGY

www.elsevier.com/locate/toxicol

Contents of volume 196

Contents of Volume 196 Nos. 1–2

Review

Failure of the standard battery of short-term tests in detecting some rodent and human genotoxic carcinogens
G. Brambilla, A. Martelli (Italy) 1–19

Articles

Sub-chronic exposure to toluene at 40 ppm alters the monoamine biosynthesis rate in discrete brain areas
C. Soulage, D. Perrin, P. Berenguer, J.M. Pequignot (France) 21–30

Organophosphate-induced convulsions and prevention of neuropathological damages
K. Tuovinen (Finland) 31–39

Effects of human pharmaceuticals on cytotoxicity, EROD activity and ROS production in fish hepatocytes
N. Laville, S. Aït-Aïssa, E. Gomez, C. Casellas, J.M. Porcher (France) 41–55

Copper-induced formation of reactive oxygen species causes cell death and disruption of calcium homeostasis in trout hepatocytes
C. Manzl, J. Enrich, H. Ebner, R. Dallinger, G. Krumschnabel (Austria) 57–64

Percutaneous penetration and genotoxicity of 4,4′-methylenedianiline through rat and human skin in vitro
S.H. Kenyon, J. Bhattacharyya, C.J. Benson, P.L. Carmichael (UK) 65–75

Effects of prenatal exposure to the environmental pollutant 2-bromopropane on embryo-fetal development in rats
J.-C. Kim, S.-H. Kim, D.-H. Shin, T.-H. Ahn, H.-C. Kim, Y.-B. Kim, C.-Z. Jiang, J. Han, M.-K. Chung (South Korea) 77–86

Antioxidative natural product protect against econazole-induced liver injuries
C.-F. Liu, C.-H. Lin, C.-C. Lin, Y.-H. Lin, C.-F. Chen, C.-K. Lin, S.-C. Lin (Taiwan) 87–93

The reproductive toxicology of ammonium perfluorooctanoate (APFO) in the rat
J.L. Butenhoff, G.L. Kennedy Jr., S.R. Frame, J.C. O'Connor, R.G. York (USA) 95–116

Effects of chlorophyllin on transport of dibenzo(*a*, *l*)pyrene, 2-amino-1-methyl-6-phenylimidazo-[4,5-*b*]pyridine, and aflatoxin B_1 across Caco-2 cell monolayers
J.E. Mata, Z. Yu, J.E. Gray, D.E. Williams, R. Rodriguez-Proteau (USA) 117–125

Hypomethylation of DNA and the insulin-like growth factor-II gene in dichloroacetic and trichloroacetic acid-promoted mouse liver tumors
L. Tao, Y. Li, P.M. Kramer, W. Wang, M.A. Pereira (USA) 127–136

Effects of phytoestrogens and environmental estrogens on osteoblastic differentiation in MC3T3-E1 cells
S. Kanno, S. Hirano, F. Kayama (Japan) 137–145

Parenteral sesame oil attenuates oxidative stress after endotoxin intoxication in rats
D.-Z. Hsu, P.-J. Chiang, S.-P. Chien, B.-M. Huang, M.-Y. Liu (Taiwan) 147–153

Histological and lipid peroxidation changes after administration of 2-acetylaminofluorene in a rat liver injury model following selective periportal and pericentral damage
F. Sigala, G. Kostopanagiotou, I. Andreadou, N. Kavatzas, E. Felekouras, P. Sigalas, E. Bastounis, E. Papalambros (Greece) 155–163

Letter to the Editor

Nephrotoxicity of third-generation, intravenous bisphosphonates
R. Hirschberg (USA) 165–167

doi:10.1016/S0300-483X(04)00071-X

Reply to the Letter to the Editor
Comparative renal effects of two intravenously administered bisphosphonates
T. Pfister (Switzerland) 169–170

Instructions to Authors 171–172

Contents of Volume 196 No. 3

Immunotoxicology
Evaluation of immunotoxicity induced by diazinon in C57bl/6 mice
E. Zabihi Neishabouri, Z.M. Hassan, E. Azizi, S.N. Ostad (Iran) 173–179
Pesticide mixtures potentiate the toxicity in murine thymocytes
S. Olgun, R.M. Gogal Jr., F. Adeshina, H. Choudhury, H.P. Misra (USA) 181–195
Short- and long-term effects of T-cell modulating agents in experimental autoimmunity
J. Mellergård, S. Havarinasab, P. Hultman (Sweden) 197–209
Autoimmunity, environmental exposure and vaccination: is there a link?
G. Ravel, M. Christ, F. Horand, J. Descotes (France) 211–216
Ozone exposure enhances antigen-presenting activity of interstitial lung cells in rats
E. Koike, T. Kobayashi (Japan) 217–227
Immunotoxicological effects of piperine in mice
R.K.S. Dogra, S. Khanna, R. Shanker (India) 229–236
Nonylphenol alters the activity of splenic NK cells and the numbers of leukocyte subpopulations in Sprague–Dawley rats: a two-generation feeding study
N.A. Karrow, T.L. Guo, K.B. Delclos, R.R. Newbold, C. Weis, D.R. Germolec, K.L. White Jr, J. Ann McCay (USA) 237–245
An oral Brown Norway rat model for food allergy: comparison of age, sex, dosing volume, and allergen preparation
K. Pilegaard, C. Madsen (Denmark) 247–257

Author index of volume 196 259
Subject index of volume 196 261–264
Contents of volume 196 265–266